

**AN - 1983-06496K [25]**

**CPY - MOST**

**DC - D16 M25**

**FS - CPI**

**IC - C22B3/00**

**IN - ADAMOV E V; KARAVAIKO G I; POLKIN S I**

**MC - D04-B05 D05-A04 M25-B M25-G08 M25-G27**

**PA - (MOST ) MOSCOW STEEL ALLOYS INST**

**PN - SU910815 B 19820307 DW198303 003pp**

**PR - SU19802951697 19800703**

**XA - C1983-006426**

**XIC - C22B-003/00**

**AB - SU-910815 Bacterial leaching of metal e.g. zinc and copper ore and ore concentrates, includes treating starting material with water and microbial nutrient medium contg. micro-organisms, e.g. Thiobacillus ferrooxidans and sepn. of leaching process residue from the leaching soln. contg. metal ions and microbial cells. The metals are then extd. from the soln. and the latter is recirculated.**

- The leaching of ore and concentrate can be accelerated if microbial cells are suspended in the soln. are concd. by centrifugation, and the resulting bacterial biomass is sepd. and recirculated. Bul.9/7.3.82.

**IW - METAL ORE CONCENTRATE MICROBIOLOGICAL PROCESS LEACH BACTERIA  
SUSPENSION NUTRIENT MEDIUM SUBSEQUENT BIOMASS SOLUTION RECIRCULATE**

**IKW - METAL ORE CONCENTRATE MICROBIOLOGICAL PROCESS LEACH BACTERIA  
SUSPENSION NUTRIENT MEDIUM SUBSEQUENT BIOMASS SOLUTION RECIRCULATE**

**INW - ADAMOV E V; KARAVAIKO G I; POLKIN S I**

**NC - 001**

**OPD - 1980-07-03**

**ORD - 1982-03-07**

**PAW - (MOST ) MOSCOW STEEL ALLOYS INST**

**TI - Metal ore and concentrate microbiological processing - includes leaching with bacterial suspension in nutrient medium with subsequent biomass and soln. recirculation**